

What is claimed is:

1           1.       In a virtual local area network (VLAN), a method of handling emergency  
2 voice over internet protocol (VoIP) calls comprising the steps of:  
3               a VoIP device reserving a range of specific port numbers for use during  
4 emergencies;  
5               transmitting an emergency call within the VLAN using a port number in said  
6 range; and  
7               the VoIP device reserving extra resources for handling the call once it  
8 determines the port number falls within said range.

1           2.       The method of claim 1 wherein said step of reserving a range of specific  
2 port numbers reserves port numbers greater than 20,000.

1           3.       The method of claim 1 wherein said step of reserving a range of specific  
2 port numbers further includes the step of increasing the priority value of said call.

1           4.       The method of claim 1 wherein said step of reserving a range of specific  
2 port numbers further includes the step of increasing the priority value of said call to  
3 seven.

1           5.       The method of claim 1 wherein the step of reserving extra resources is  
2 followed by the step of transmitting the call to a 911 operator.

1           6.       The method of claim 1 wherein the step of reserving extra resources is  
2 followed by the step of transmitting the call to a fire department.

1           7.       The method of claim 1 wherein the step of reserving extra resources is  
2 followed by the step of transmitting the call to an ambulance.

1 8. The method of claim 1 wherein the step of reserving extra resources is  
2 followed by the step of transmitting the call to a police department.

1 9. In a virtual local area network (VLAN), a module of handling emergency  
2 voice over internet protocol (VoIP) calls comprising:

3 means for reserving a range of specific port numbers for use during  
4 emergencies;

5 means for transmitting an emergency call within the VLAN using a port  
6 number in said range; and

7 means for reserving extra resources for handling the call once it determines  
8 the port number falls within said range.

1 10. The module of claim 9 wherein said means for reserving a range of  
2 specific port numbers reserves port numbers greater than 20,000.

1 11. The module of claim 9 wherein said means for reserving a range of  
2 specific port numbers further comprises means for increasing the priority value of  
3 said call.

1 12. The module of claim 9 wherein said means for reserving a range of  
2 specific port numbers further comprises means for increasing the priority value of  
3 said call to seven.

1 13. The module of claim 9 further comprising means for transmitting the call  
2 to a 911 operator.

1 14. The module of claim 9 further comprising means for transmitting the call  
2 to a fire department.

1 15. The module of claim 9 further comprising means for transmitting the call  
2 to an ambulance.

1 16. The module of claim 9 further comprising means for transmitting the call  
2 to a police department.

1 17. In a virtual local area network (VLAN), a program product for handling  
2 emergency voice over internet protocol (VoIP) calls comprising:  
3 logic means for reserving a range of specific port numbers for use during  
4 emergencies;  
5 logic means for transmitting an emergency call within the VLAN using a port  
6 number in said range; and  
7 logic means for reserving extra resources for handling the call once it  
8 determines the port number falls within said range.

1 18. The program product of claim 17 wherein said logic means for reserving a  
2 range of specific port numbers reserves port numbers greater than 20,000.

1 19. The program product of claim 17 wherein said logic means for reserving a  
2 range of specific port numbers further comprises logic means for increasing the  
3 priority value of said call.

1 20. The program product of claim 17 wherein said logic means for reserving a  
2 range of specific port numbers further comprises logic means for increasing the  
3 priority value of said call to seven.

1 21. The program product of claim 17 further comprising logic means for  
2 transmitting the call to a 911 operator.

1 22. The program product of claim 17 further comprising logic means for  
2 transmitting the call to a fire department.

1 23. The program product of claim 17 further comprising logic means for transmitting  
2 the call to an ambulance.

1 24. The program product of claim 17 further comprising logic means for  
2 transmitting the call to a police department.

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